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Install engine speed/timing sensors (1) . Install the pushrods in the engine. End By: Install the electronic control module (ECM). Refer to Disassembly and Assembly, "Electronic Control Module - Remove and Install". Install the rocker arms and the shaft. Refer to Disassembly and Assembly, "Rocker Arm and Shaft - Install".

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Install connecting rod caps (3) . Refer to Disassembly and Assembly, "Pistons and Connecting Rods - Install". Check the end play of crankshaft (1) with Tooling (A) . The end play must be 0.07 to 0.32 mm (0.003 to 0.013 inch). End By: Install the front housing. Refer to Disassembly and Assembly, "Housing (Front) - Install".

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Refer to Disassembly and Assembly, "Bearing Clearance - Check". Apply clean engine oil on the crankshaft main bearings for final assembly. Note: Ensure that the tabs on the back side of the crankshaft main bearings fit in the grooves of the crankshaft main bearing caps and the cylinder block.

C7 Industrial Engines Disassembly and Assembly ...

Caterpillar 3406 & 3406B Engines Factory Service & Shop Manual. Complete workshop & service manual with electrical wiring diagrams for Caterpillar 3406 & 3406B Diesel Engines. It's the same service manual used by dealers that guaranteed to be fully functional and intact without any missing page. This Caterpillar 3406 & 3406B Engines service & repair manual (including maintenance, overhaul, disassembling & assembling, adjustment, tune-up, operation, inspecting, diagnostic & troubleshooting ...

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Refer to Disassembly and Assembly, "Electric Starting Motor - Remove and Install". Fasten Tooling (A) and a suitable lifting device to flywheel housing (1) . The weight of flywheel housing (1) is approximately 33 kg (73 lb). Remove bolts (2) and bolts (3) . Remove bolts (4) that fasten the engine oil pan to flywheel housing (1) .

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In order to gain access to the engine oil cooler, it may be necessary to remove the heat exchanger. Refer to Disassembly and Assembly, "Heat Exchanger - Remove" for more information. Show/hide table. ... 3003, 3013, 3014 and 3024 Engines for Caterpillar Built Machines Cylinder Head . 3406E and 3456 Engines for Caterpillar Built Machines ...

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